(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 14 October 2004 (14.10.2004)

PCT

(10) International Publication Number WO 2004/088910 A1

(51) International Patent Classification7:

H04L 5/02

(21) International Application Number:

PCT/IT2003/000189

(22) International Filing Date: 31 March 2003 (31.03.2003)

(25) Filing Language:

English

(26) Publication Language:

English

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

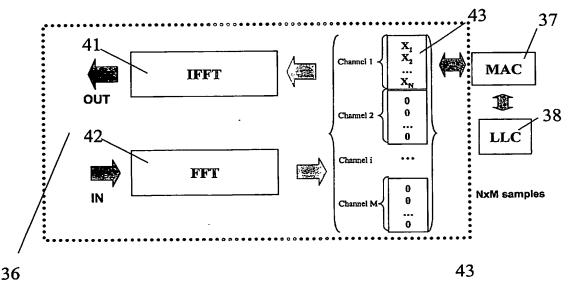
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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[Continued on next page]

(54) Title: METHOD OF OFDM TRANSMISSION_IN A MILLIMETRE-WAVE WLAND AND CORRESPONDING SYSTEM



(57) Abstract: A method of managing an OFDM transmission system for instance a millimetre-wave WLAN, wherein a plurality of sets of samples including at least one set $(X_1, X_2, ... X_N)$ of a generally non-zero samples is subject to an integral transform (41), transmitted (20) in said integral-transformed format and subject to a complementary integral transform (42) to reconstruct said at least one set of generally non-zero samples. The metod includes the step os assigning non-overlapping sets of samples to a plurality of terminals.

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— of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

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